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# Campus News May 15, 1992

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May 15, 1992



*Liturgy*

of the

Feast

of the

**ASCENSION**

will be

*celebrated*

**THURSDAY, MAY 28**

at 12:30

in the

de La Salle Chapel

# Do You Know How A Laser Printer Works?

## The Image Formation System

### 6. Fusing

Before the paper reaches the fusing station, toner is held onto the paper simply by a weak electrostatic attraction and a slight physical adhesion. At the fusing station, the toner is melted and fused into the paper by heat and pressure to produce a permanent image.

### 5. Transferring

At the transferring station, a positive charge applied to the back of the paper causes the negatively charged toner on the drum's surface to be attracted to the page. This forms a visible toner image on the page.

### 1. Cleaning

During printing, the drum is constantly rotating, making several complete rotations per printed page. Before forming the image, remaining toner from the previous rotation of the drum must be cleaned off by a rubber cleaning blade.

### 2. Conditioning

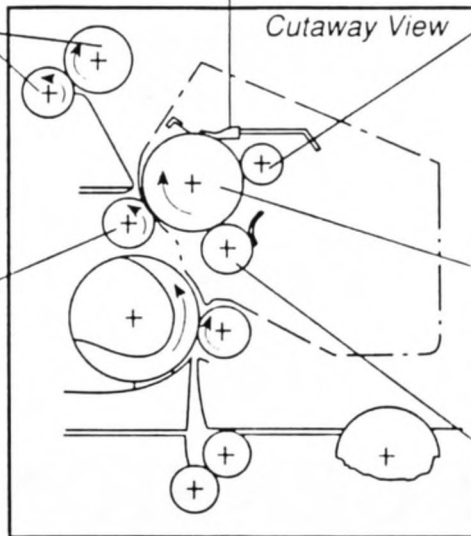
After the drum has been physically cleaned, it must be conditioned. This conditioning process consists of the application of a uniform negative charge on the entire surface of the drum.

### 3. Writing

At the writing stage, a laser beam is used to create a latent electrostatic image on preselected areas of the photosensitive drum. This image is later developed into a visible image.

### 4. Developing

At the developing station, the latent electrostatic charge causes toner to be attracted or repelled from the charged areas of the drum. This forms a visible toner image on the drum.



## Helpful Hints on Toner Cartridges

**Improving print quality.** Some of the most common causes of poor print quality, faded print, streaking or spotting is not an empty cartridge, but a "dirty" printer and/or cartridge. "Dirty" can simply mean a build-up of toner and paper fibers over time on sensitive areas. See owners manual for quick, easy and proper cleaning of your printer and toner cartridge.

**Extending the life of the toner cartridges:** When the toner level is getting low, the print appears lighter and white streaks may soon begin to appear. To redistribute the toner, remove the cartridge and shake it several times from end-to-end then rotate (rock) the cartridge from side to side. Re-insert the cartridge and continue use until the print begins to fade again. The toner supply is then exhausted, and the cartridge should be replaced.

**Proper handling and storage:** You can get increased life from a toner cartridge by operating your printer with the print density adjustment dial set on a higher number for lighter print (see your printer user's manual). When stored properly, a toner cartridge still sealed within the foil bag and inside the carton will be useful for an average of 2.5 years. The shelf life of an opened toner cartridge is less. For proper handling and care of your toner cartridge Do not do the following: Stand on end or turn upside down • Touch the protective flap covering the photo sensitive drum (on the bottom of the cartridge) • Open the light blocking and drum protection shutters • Expose to sunlight or other bright light sources (over 1500 lux) • Use for at least one hour after moving from a cool to a warm environment. Do not expose to heat ducts, or other sources of heat.

In general, paper designed for use in copy machines or laser printers will provide the best print quality.

School of Nursing, La Salle University

POSITION AVAILABLE

Secretary III position (full time) available in the newly established School of Nursing. Qualifications include strong organizational and interpersonal skills, a pleasant telephone manner, word processing experience including the use of Microsoft Word, and data base and file management. Health and tuition benefits commensurate with full time status. Inquiries and resumes should be directed to Dr. Gloria Donnelly, Wister Hall, La Salle University, Campus Mail, Box 808, by June 5, 1992.

La Salle University is an EOE/AA Employer

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## **Barber Shop Open**

1 PM to 6:30 PM  
all summer

Monday thru Friday

PETE